

Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
678-1236SERIAL NO.
10/692,894INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANTS
Chan-Soo HWANG et al.FILING DATE
October 24, 2003GROUP ART UNIT
2681

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/E.B./	1.	Vahid Tarokh et al., "Space-Time Block Codes From Orthogonal Designs", IEEE Transactions on Information Theory, Vol. 45, No. 5, July 1999, pp. 1456-1467.
	2.	Siavash M. Alamouti, "A Simple Transmit Diversity Technique for Wireless Communications," IEEE Journal on Select Areas in Communications, Vol. 16, No. 8, October 1998, pp. 1451-1458.

EXAMINER

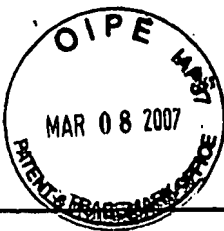
/Emmanuel Bayard/

DATE CONSIDERED

07/02/2007

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 (6-4))



Sheet 1 of 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Chan-Soo HWANG et al.	
		FILING DATE October 24, 2003	GROUP ART UNIT 2681

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

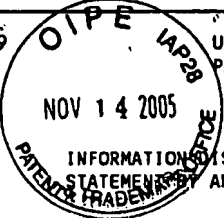
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/E.B./ 1	1.	Weifeng Su et al., Quasi-Orthogonal Space-Time Block Codes with Full Diversity, 2002.
	2.	Naresh Sharma et al., Improved Quasi-Orthogonal Codes Through Constellation Rotation, 2002.

EXAMINER /Emmanuel Bayard/	DATE CONSIDERED 07/02/2007
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(Form PTO-1449 (6-4))

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						YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/E.B./	1.	Hamid Jafarkhani, "A Quasi-Orthogonal Space-Time Block Code", IEEE Transactions on Communications, Vol. 49, No. 1, January 2001, pp. 1-4.

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